

all rural Americans have access to sufficient bandwidth. Applicants must ensure that all households in the proposed funded service area can receive the minimum bandwidth requirements at the same time.

*Respondent 11:* Respondent supports the interim funding rule and provides the following comments to improve upon the rules, as summarized below:

- Applicants should be allowed to pair their grants with loans from third parties, not just loans from RUS.
- “Broadband lending speed” should be modified to clarify that the initial broadband lending speed under these programs is “25/3 Mbps fixed terrestrial” and clarify the discussion of “eligible service area” to make it clear that initially any area with anything less than “25/3 Mbps fixed terrestrial” is eligible while prioritizing areas that lack access to at least 10/1.

- Mobile and satellite services should not be considered for purposes of determining eligible areas, nor should mobile broadband be included for purposes of “Broadband lending speeds” that may receive RUS funding.

- RUS should allow matching funding, whether in the form of cash or loan funds, to spread over the built-out period, rather than fully expended upfront before grant funding can be used.

- RUS should not require applicants to provide a competitive analysis of the market, because such analysis is not provided within the statute nor is such analysis necessary for purposes of carrying out the other provisions in the statute.

- RUS should allow applicants an opportunity to respond to challenges from existing service providers claiming to serve areas within the applicants’ proposed funded service area; and should permit applicants to modify their application to respond to challenges. In any event, RUS should not exempt from disclosure the information that is presented in support of an existing service provider’s claim. This one-way, opaque process invites abuse by existing service providers and prevents applicants from defending their proposals.

*Agency response:* Pairing grant funding with an RUS loan is a statutory requirement and cannot be modified at this time.

The broadband lending speed is designed to change with the ever-increasing bandwidth requirements that the public requires. The Agency will evaluate the broadband lending speed each time that a funding announcement is published and set this requirement accordingly.

The broadband program is technology neutral and any technology that can meet the broadband lending speed is eligible for consideration.

The amount of grant funds and the associated density calculations that can be applied for are statutory requirements and cannot be changed at this time.

The Agency will consider the recommendation to spread out matching requirements over the construction period but at this time, the requirement will remain that matching funds be expended first.

Through the Public Notice Response process, the Agency will conduct on-site review of the proposed service area to determine if adequate broadband exists. If an area of the proposed funded service area is found to be ineligible, the Agency will work with applicants to modify the proposed service area accordingly.

Once an offer of an award is extended to an applicant, the 5-year construction period starts once all closing conditions are satisfied and funds become available to the awardee.

*Respondent 12:* “Regardless of the specific needs of a locality, strong last-mile wireless broadband connectivity is a necessity for countless internet of things use cases the RUS seeks to advance, such as smart agriculture deployments, and should be prioritized in Rural Broadband Program awards. RUS Enabled by new rules adopted by the Federal Communications Commission, new wireless technology that utilizes television white spaces (TVWS) has the demonstrated ability to exceed Rural Broadband Program thresholds in RUS’ interim final rule, providing extended last-mile wireless connectivity that supports higher throughput. We strongly encourage RUS to ensure that the updated Rural Broadband Program’s rules support applications utilizing TVWS technology deployments that will increase and improve broadband access to rural communities, consistent with Congress’ intent in the Agricultural Act of 2018.”

*Agency response:* Fixed wireless broadband is an eligible technology as long as it can deliver the required broadband service to every household in the proposed service area at the same time.

The Agency evaluated the responsive comments and based on analysis and response to comments, we are adopting the interim rule without change.

## List of Subjects

### 7 CFR Part 1738

Loan programs—communications, Rural areas, Telecommunications, Telephone.

### 7 CFR Part 1739

Grant programs—communications, Rural areas, Telecommunications, Telephone.

## PART 1738—RURAL BROADBAND LOANS, LOAN/GRANT COMBINATIONS, AND LOAN GUARANTEES

## PART 1739—BROADBAND GRANT PROGRAM

■ Accordingly, the interim rule amending 7 CFR parts 1738 and 1739, which was published at 85 FR 14393 on March 12, 2020, is adopted as final without change.

Andrew Berke,

Administrator, Rural Utilities Service.

[FR Doc. 2022–25856 Filed 11–29–22; 8:45 am]

BILLING CODE 3410–15–P

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

### 14 CFR Part 39

[Docket No. FAA–2022–1053; Project Identifier MCAI–2022–00200–T; Amendment 39–22234; AD 2022–23–07]

RIN 2120–AA64

## Airworthiness Directives; BAE Systems (Operations) Limited Airplanes

**AGENCY:** Federal Aviation Administration (FAA), Department of Transportation (DOT).

**ACTION:** Final rule.

**SUMMARY:** The FAA is adopting a new airworthiness directive (AD) for all BAE Systems (Operations) Limited Model BAe 146 series airplanes. This AD was prompted by a finding that when the autopilot is engaged, the architecture of the autopilot system does not automatically disconnect the autopilot in response to pilot application of a pitch input or when the electric pitch trim switch on either pilot control wheel is operated. This AD requires modifying the autopilot engagement circuit. The FAA is issuing this AD to address the unsafe condition on these products.

**DATES:** This AD is effective January 4, 2023.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of January 4, 2023.

#### ADDRESSES:

**AD Docket:** You may examine the AD docket at [regulations.gov](https://www.regulations.gov) under Docket No. FAA-2022-1053; or in person at Docket Operations between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this final rule, the mandatory continuing airworthiness information (MCAI), any comments received, and other information. The address for Docket Operations is U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE, Washington, DC 20590.

#### Material Incorporated by Reference:

- For service information identified in this final rule, contact BAE Systems (Operations) Limited, Customer Information Department, Prestwick International Airport, Ayrshire, KA9 2RW, Scotland, United Kingdom; telephone +44 1292 675207; fax +44 1292 675704; email [RAPublications@baesystems.com](mailto:RAPublications@baesystems.com); website [baesystems.com/Businesses/RegionalAircraft/index.htm](https://baesystems.com/Businesses/RegionalAircraft/index.htm).

- You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195. It is also available at [regulations.gov](https://www.regulations.gov) under Docket No. FAA-2022-1053.

#### FOR FURTHER INFORMATION CONTACT:

Todd Thompson, Aerospace Engineer, Large Aircraft Section, FAA, International Validation Branch, 2200

South 216th St., Des Moines, WA 98198; telephone 206-231-3228; email [todd.thompson@faa.gov](mailto:todd.thompson@faa.gov).

#### SUPPLEMENTARY INFORMATION:

##### Background

The FAA issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 by adding an AD that would apply to all BAE Systems (Operations) Limited Model BAe 146 series airplanes. The NPRM published in the **Federal Register** on August 22, 2022 (87 FR 51271). The NPRM was prompted by AD G-2022-0002, dated February 11, 2022, issued by United Kingdom Civil Aviation Authority (U.K. CAA), which is the aviation authority for the United Kingdom (referred to after this as the MCAI). The MCAI states that when the autopilot is engaged, the architecture of the autopilot system does not automatically disconnect the autopilot in response to pilot application of a pitch input or when the electric pitch trim switch on either pilot control wheel is operated.

In the NPRM, the FAA proposed to require modifying the autopilot engagement circuit. The FAA is issuing this AD to address continued autopilot engagement after flightcrew input to disengage the autopilot, which could lead to reduced controllability of the airplane.

You may examine the MCAI in the AD docket at [regulations.gov](https://www.regulations.gov) under Docket No. FAA-2022-1053.

##### Discussion of Final Airworthiness Directive

##### Comments

The FAA received no comments on the NPRM or on the determination of the cost to the public.

#### Conclusion

This product has been approved by the aviation authority of another country and is approved for operation in the United States. Pursuant to the FAA's bilateral agreement with this State of Design Authority, it has notified the FAA of the unsafe condition described in the MCAI referenced above. The FAA reviewed the relevant data and determined that air safety requires adopting this AD as proposed. Accordingly, the FAA is issuing this AD to address the unsafe condition on this product. Except for minor editorial changes, this AD is adopted as proposed in the NPRM. None of the changes will increase the economic burden on any operator.

#### Related Service Information Under 1 CFR Part 51

BAE Systems (Operations) Limited has issued Modification Service Bulletin SB.22-072-36262A, dated September 14, 2021. This service information describes procedures for modifying the autopilot engagement circuit, including the wiring, relay, and certain module blocks. This service information is reasonably available because the interested parties have access to it through their normal course of business or by the means identified in the **ADDRESSES** section.

#### Costs of Compliance

The FAA estimates that this AD affects 20 airplanes of U.S. registry. The FAA estimates the following costs to comply with this AD:

#### ESTIMATED COSTS FOR REQUIRED ACTIONS

Labor cost	Parts cost	Cost per product	Cost on U.S. operators
130 work-hours × \$85 per hour = \$11,050 .....	\$2,124	\$13,174	\$263,480

#### Authority for This Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. Subtitle VII: Aviation Programs, describes in more detail the scope of the Agency's authority.

The FAA is issuing this rulemaking under the authority described in Subtitle VII, Part A, Subpart III, Section 44701: General requirements. Under that section, Congress charges the FAA

with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

#### Regulatory Findings

This AD will not have federalism implications under Executive Order 13132. This AD will not have a

substantial direct effect on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify that this AD:

- (1) Is not a "significant regulatory action" under Executive Order 12866,
- (2) Will not affect intrastate aviation in Alaska, and
- (3) Will not have a significant economic impact, positive or negative, on a substantial number of small entities

under the criteria of the Regulatory Flexibility Act.

### List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

### The Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA amends 14 CFR part 39 as follows:

### PART 39—AIRWORTHINESS DIRECTIVES

■ 1. The authority citation for part 39 continues to read as follows:

**Authority:** 49 U.S.C. 106(g), 40113, 44701.

#### § 39.13 [Amended]

■ 2. The FAA amends § 39.13 by adding the following new airworthiness directive:

**2022–23–07 BAE Systems (Operations) Limited** Amendment 39–22234; Docket No. FAA–2022–1053; Project Identifier MCAI–2022–00200–T.

#### (a) Effective Date

This airworthiness directive (AD) is effective January 4, 2023.

#### (b) Affected ADs

None.

#### (c) Applicability

This AD applies to all BAE Systems (Operations) Limited Model BAe 146–100A, –200A, and –300A airplanes, certificated in any category.

#### (d) Subject

Air Transport Association (ATA) of America Code 22, Auto-Flight.

#### (e) Unsafe Condition

This AD was prompted by a finding that when the autopilot is engaged, the architecture of the autopilot system does not automatically disconnect the autopilot in response to pilot application of a pitch input or when the electric pitch trim switch on either pilot control wheel is operated. The FAA is issuing this AD to address continued autopilot engagement after flightcrew input to disengage the autopilot, which could lead to reduced controllability of the airplane.

#### (f) Compliance

Comply with this AD within the compliance times specified, unless already done.

#### (g) Modification

Within 12 months after the effective date of this AD, modify the autopilot engagement circuit in accordance with the Accomplishment Instructions of BAE Systems (Operations) Limited Modification Service Bulletin SB.22–072–36262A, dated September 14, 2021.

### (h) No Reporting Requirement

Although BAE Systems (Operations) Limited Modification Service Bulletin SB.22–072–36262A, dated September 14, 2021, specifies to submit certain information to the manufacturer, this AD does not include that requirement.

### (i) Other AD Provisions

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs)*: The Manager, International Validation Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or responsible Flight Standards Office, as appropriate. If sending information directly to the International Validation Branch, send it to the attention of the person identified in paragraph (j)(2) of this AD. Information may be emailed to: [9-AVS-AIR-730-AMOC@faa.gov](mailto:9-AVS-AIR-730-AMOC@faa.gov). Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the responsible Flight Standards Office.

(2) *Contacting the Manufacturer*: For any requirement in this AD to obtain instructions from a manufacturer, the instructions must be accomplished using a method approved by the Manager, International Validation Branch, FAA; or the United Kingdom Civil Aviation Authority (U.K. CAA); or BAE Systems (Operations) Limited's U.K. CAA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

### (j) Additional Information

(1) Refer to U.K. CAA AD G–2022–0002, dated February 11, 2022, for related information. This U.K. CAA AD may be found in the AD docket at [regulations.gov](https://www.regulations.gov) under Docket No. FAA–2022–1053.

(2) For more information about this AD, contact Todd Thompson, Aerospace Engineer, Large Aircraft Section, FAA, International Validation Branch, 2200 South 216th St., Des Moines, WA 98198; telephone 206–231–3228; email [todd.thompson@faa.gov](mailto:todd.thompson@faa.gov).

### (k) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference of the service information listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) You must use this service information as applicable to do the actions required by this AD, unless this AD specifies otherwise.

(i) BAE Systems (Operations) Limited Modification Service Bulletin SB.22–072–36262A, dated September 14, 2021.

(ii) [Reserved]

(3) For service information identified in this AD, contact BAE Systems (Operations) Limited, Customer Information Department, Prestwick International Airport, Ayrshire, KA9 2RW, Scotland, United Kingdom; telephone +44 1292 675207; fax +44 1292 675704; email [RApublications@baesystems.com](mailto:RApublications@baesystems.com); website [baesystems.com/Businesses/RegionalAircraft/index.htm](https://www.baesystems.com/Businesses/RegionalAircraft/index.htm).

(4) You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206–231–3195.

(5) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email [fr.inspection@nara.gov](mailto:fr.inspection@nara.gov), or go to: [www.archives.gov/federal-register/cfr/ibr-locations.html](https://www.archives.gov/federal-register/cfr/ibr-locations.html).

Issued on November 1, 2022.

**Christina Underwood,**

*Acting Director, Compliance & Airworthiness Division, Aircraft Certification Service.*

[FR Doc. 2022–26083 Filed 11–29–22; 8:45 am]

**BILLING CODE 4910–13–P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

### 14 CFR Part 39

[Docket No. FAA–2022–0156; Project Identifier AD–2021–01474–T; Amendment 39–22237; AD 2022–23–10]

RIN 2120–AA64

### Airworthiness Directives; The Boeing Company Airplanes

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule.

**SUMMARY:** The FAA is superseding Airworthiness Directive (AD) 2021–06–03, which applied to all The Boeing Company Model 777F series airplanes. AD 2021–06–03 required deactivating the potable water system. This AD was prompted by a report of a water supply line that detached at a certain joint located above an electronic equipment (EE) cooling filter, leading to water intrusion into the forward EE bay. This AD retains the actions required by AD 2021–06–03 and requires installing a shroud to the water supply line in the forward cargo compartment, and performing a leak test of the potable water system. For certain airplanes, this AD also requires replacing tubes and hoses from the water supply line and installing a shroud to the water return line. The FAA is issuing this AD to address the unsafe condition on these products.

**DATES:** This AD is effective January 4, 2023.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of January 4, 2023.

The Director of the Federal Register approved the incorporation by reference